**HUMAN GENOME SCIENCES  
LEGAL DEPARTMENT****9410 Key West Avenue  
Rockville, MD 20850****Phone: 301-309-8504****Fax: 301-309-8439****FAX COVER SHEET****DATE: May 30, 2003****TOTAL NUMBER OF PAGES: 69****TO: Examiner Michael Pak  
Art Unit 1646  
U.S. Patent & Trademark Office****FAX NO.: (703) 308-0294****PHONE NO.: (703) 305-7038****FROM: Mark J. Hyman****RE: Application No. 09/101,518      Arty. Docket No. PF218US  
Application of: Li et al.      Filed: 12/21/1998**

**The following documents were filed by Human Genome Sciences, Inc.  
via facsimile on May 30, 2003:**

1. Fax Cover Sheet
2. Fee Transmittal Sheet (with appropriate fee)
3. Applicant Initiated Interview Request Form
4. Supplemental Information Disclosure Statement attaching Form PTO/SB/08 and copies of references CK-CO
5. Courtesy copies of References A1, CC, and C1
6. Certificate of Transmission Under 37 C.F.R. § 1.8

**If you experience any difficulty receiving this transmission,  
please contact Mark J. Hyman at 240-314-1224**

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PTO/SB/17 (05-03)

Approved for use through 04/30/2003 OMB 0651-0032

U S Patent and Trademark Office, U S DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003 Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 180.00)

| Complete if Known    |                        |
|----------------------|------------------------|
| Application Number   | 09/101,518-Conf. #9737 |
| Filing Date          | December 21, 1998      |
| First Named Inventor | Yi Li                  |
| Examiner Name        | M Pak                  |
| Art Unit             | 1646                   |
| Attorney Docket No   | PF218PCT               |

**METHOD OF PAYMENT** (check all that apply)
 Check  Credit Card  Money Order  Other  None
 Deposit AccountDeposit Account Number **08-3425**

Human Genome Sciences, Inc.

The Director is hereby authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

| Fee Code            | Fee (\$) | Fee Code    | Fee (\$) | Fee Description        | Fee Paid |
|---------------------|----------|-------------|----------|------------------------|----------|
| 1001                | 750      | 2001        | 375      | Utility filing fee     |          |
| 1002                | 330      | 2002        | 165      | Design filing fee      |          |
| 1003                | 520      | 2003        | 260      | Plant filing fee       |          |
| 1004                | 750      | 2004        | 375      | Reissue filing fee     |          |
| 1005                | 160      | 2005        | 80       | Provisional filing fee |          |
| <b>SUBTOTAL (1)</b> |          | <b>(\$)</b> |          | <b>0.00</b>            |          |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims       | -105** = | Extra Claims | Fee from below | = | Fee Paid |
|--------------------|----------|--------------|----------------|---|----------|
| 100                |          | 0            | 4              | = |          |
| Independent Claims | +10** =  | 0            | x              | = |          |
| Multiple Dependent |          |              |                | - |          |

| Large Entity        | Small Entity | Fee Description | Fee Paid |  |  |
|---------------------|--------------|-----------------|----------|--|--|
| Fee Code            | Fee (\$)     | Fee Code        | Fee (\$) |  |  |
| 1202                | 18           | 2203            | 9        | Claims in excess of 20                                     |  |
| 1201                | 84           | 2201            | 42       | Independent claims in excess of 3                          |  |
| 1203                | 280          | 2203            | 140      | Multiple dependent claim, if not paid                      |  |
| 1204                | 84           | 2204            | 42       | ** Reissue independent claims over original patent         |  |
| 1205                | 18           | 2205            | 9        | ** Reissue claims in excess of 20 and over original patent |  |
| <b>SUBTOTAL (2)</b> |              | <b>(\$)</b>     |          | <b>0.00</b>  |  |

\*\* or number previously paid, if greater. For Reissues, add above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity                      | Small Entity | Fee Description     | Fee Paid |  |               |
|-----------------------------------|--------------|---------------------|----------|--|---------------|
| Fee Code                          | Fee (\$)     | Fee Code            | Fee (\$) |  |               |
| 1051                              | 130          | 2051                | 85       | Surcharge - late filing fee or a/cmt                                       |               |
| 1052                              | 50           | 2052                | 25       | Surcharge - late provisional filing fee or cover sheet                     |               |
| 1053                              | 130          | 1053                | 130      | Non-English specification  |               |
| 1812                              | 2,520        | 1812                | 2,520    | For filing a request for ex parte reexamination                            |               |
| 1804                              | 920*         | 1804                | 920*     | Requesting publication of SIR prior to Examiner action                     |               |
| 1805                              | 1,840*       | 1805                | 1,840*   | Requesting publication of SIR after Examiner action                        |               |
| 1251                              | 110          | 2251                | 55       | Extension for reply within first month                                     |               |
| 1252                              | 410          | 2252                | 205      | Extension for reply within second month                                    |               |
| 1253                              | 830          | 2253                | 466      | Extension for reply within third month                                     |               |
| 1254                              | 1,950        | 2254                | 725      | Extension for reply within fourth month                                    |               |
| 1255                              | 1,970        | 2255                | 985      | Extension for reply within fifth month                                     |               |
| 1401                              | 320          | 2401                | 160      | Notice of Appeal   |               |
| 1402                              | 320          | 2402                | 160      | Filing a brief in support of an appeal                                     |               |
| 1403                              | 280          | 2403                | 140      | Request for oral hearing   |               |
| 1451                              | 1,510        | 1451                | 1,510    | Petition to institute a public use proceeding                              |               |
| 1452                              | 110          | 2452                | 55       | Petition to revive - unavoidable   |               |
| 1453                              | 1,500        | 2453                | 650      | Petition to revive - unintentional   |               |
| 1501                              | 1,300        | 2501                | 650      | Utility issue fee (or reissue)   |               |
| 1502                              | 470          | 2502                | 235      | Design issue fee   |               |
| 1503                              | 630          | 2503                | 315      | Plant issue fee  |               |
| 1450                              | 130          | 1450                | 130      | Petitions to the Commissioner  |               |
| 1807                              | 50           | 1807                | 50       | Processing fee under 37 CFR 1.17(4)  |               |
| 1808                              | 180          | 1808                | 180      | Submission of Information Disclosure Stmt                                  | 180.00        |
| 8021                              | 40           | 8021                | 40       | Recording each patent assignment per property (times number of properties) |               |
| 1809                              | 750          | 2809                | 375      | Filing a submission after final rejection (37 CFR 1.129(b))                |               |
| 1810                              | 750          | 2810                | 375      | For each additional invention to be examined (37CFR 1.129(b))              |               |
| 1801                              | 750          | 2801                | 375      | Request for Continued Examination (RCE)                                    |               |
| 1802                              | 900          | 1802                | 900      | Request for expedited examination or a design application                  |               |
| Other fee (specify)               |              |                     |          |  |               |
| *Reduced by Basic Filing Fee Paid |              | <b>SUBTOTAL (3)</b> |          | <b>(\$)</b>  | <b>180.00</b> |

## Complete if applicable

| Name (Print/Type) | Mark J. Hyman        | Registration No<br>(Attorney/Agent) | 46,789 | Telephone | (240) 314-1224 |
|-------------------|----------------------|-------------------------------------|--------|-----------|----------------|
| Signature         | <i>Mark J. Hyman</i> |                                     |        | Date      | May 30, 2003   |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Yi Li

Application No.: 09/101,518  
Filed: December 21, 1998

For: Human G-Protein Chemokine Receptor  
HSATU68

Docket No.: PF218US

Group Art Unit: 1646  
Examiner: M. Pak



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TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

JUN 04 2003

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Sir:

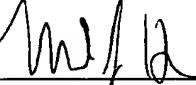
Further to the telephone interview held today with the Examiner, Applicants understand that some pages of the references submitted with the IDS by facsimile today are not legible. Thus, the Examiner has asked for replacement copies of such references.

As requested by the Examiner, additional copies of references CK-CO are enclosed herewith. The Examiner is urged to contact Applicants if any further clarification is needed regarding the enclosed references or any issues concerning the instant application.

No fee is believed due for this submission. If any additional fees are deemed necessary, the Patent & Trademark Office is authorized to charge the required fee to Human Genome Sciences, Inc., Deposit Account No. 08-3425.

Respectfully submitted,

Dated: May 30, 2003

By   
Mark J. Hyman

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